

AMENDMENT

IN THE CLAIMS:

Please amend the claims to read as follows:

1. (Cancelled).
2. (Cancelled).
3. (Currently Amended) A photoelectric conversion device comprising a semiconductor and an organic a polymeric electrically conducting agent, wherein said organic electrically conducting agent exhibits a melting temperature TM which is lower than the operation temperature of the photoelectric conversion device wherein said polymeric electrically conducting agent has a melting point temperature which is lower than the operation temperature of said photoelectric conversion device, and wherein said polymeric electrically conducting agent has a glass transition temperature Tg.
4. (Currently Amended) The photoelectric conversion device according to claim 3, wherein the organic electrically conducting agent is present in an amorphous form wherein the melting temperature of the polymeric electrically conducting agent is about 140°C or less.
5. (Cancelled).
6. (Cancelled).
7. (Currently Amended) The photoelectric conversion device according to claim 4, wherein the organic electrically conducting agent exhibits a glass transition temperature Tg is about 60°C or less.
8. (Cancelled).
9. (Cancelled).

10. (Currently Amended) The photoelectric conversion device according to claim 4 3,
wherein the semiconductor is sensitized with a dye.

11. (Currently Amended) The photoelectric conversion device according to claim 4 3,
wherein said organic polymeric electrically conducting agent comprises at least one organic
compound.

12. (Currently Amended) The photoelectric conversion device according to claim 11,
wherein said organic polymeric electrically conducting agent comprises a mixture of at least two
organic compounds.

13. (Currently Amended) The photoelectric conversion device according to claim 11,
wherein said organic polymeric electrically conducting agent further comprises at least one
dopant.

14. (Currently Amended) The photoelectric conversion device according to claim 4 3,
wherein said organic polymeric electrically conducting agent is a hole transporting agent.

15. (Currently Amended) The photoelectric conversion device according to claim 10,
wherein said dye is a ruthenium complex.

16. (Currently Amended) The photoelectric conversion device according to claim 4 3,
wherein said semiconductor is porous.

17. (Currently Amended) The photoelectric conversion device according to claim 16,
wherein said semiconductor comprises nanoparticles, preferably nanoparticles of TiO₂.

18-30. (Cancelled).

31. (Currently Amended) Solar A solar cell comprising a photoelectric conversion
device according to claim 4 3.

32-62. (Cancelled).

63. (New) The photoelectric conversion device according to claim 17, wherein said nanoparticles are TiO₂.